

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024442.D
 Acq On : 21 Mar 2023 10:51
 Operator : CG/JU
 Sample : PB151523BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS523

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/22/2023
 Supervised By : Jagrut Upadhyay 03/22/2023

Quant Time: Mar 21 17:37:55 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:42:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	9484	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	29276	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	16035	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	32908	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	25797	0.400	ng/ul	0.00
23) Perylene-d12	24.085	264	21211m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	6348	0.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	12867	0.370	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	25075	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	17011	1.498	ng/ul	91
5) Naphthalene	10.894	128	26974	0.369	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	16635	0.375	ng/ul	100
8) 1-Methylnaphthalene	12.720	142	17397	0.373	ng/ul	100
10) Acenaphthylene	14.388	152	23751	0.355	ng/ul	100
11) Acenaphthene	14.731	153	18062	0.350	ng/ul	98
12) Fluorene	15.711	166	19850	0.345	ng/ul	98
14) Pentachlorophenol	17.059	266	5626	0.616	ng/ul#	73
15) Phenanthrene	17.451	178	32522	0.345	ng/ul	99
16) Anthracene	17.544	178	28402	0.343	ng/ul	99
19) Fluoranthene	19.464	202	36113	0.352	ng/ul	100
20) Pyrene	19.827	202	37125	0.356	ng/ul	99
21) Benzo(a)anthracene	21.583	228	30151	0.358	ng/ul	100
22) Chrysene	21.638	228	31608	0.355	ng/ul	99
24) Benzo(b)fluoranthene	23.322	252	29684	0.366	ng/ul	95
25) Benzo(k)fluoranthene	23.372	252	29598	0.352	ng/ul	94
26) Benzo(a)pyrene	23.974	252	24656	0.354	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.680	276	27593	0.352	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.696	278	21115	0.354	ng/ul	96
29) Benzo(g,h,i)perylene	27.478	276	24208	0.355	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

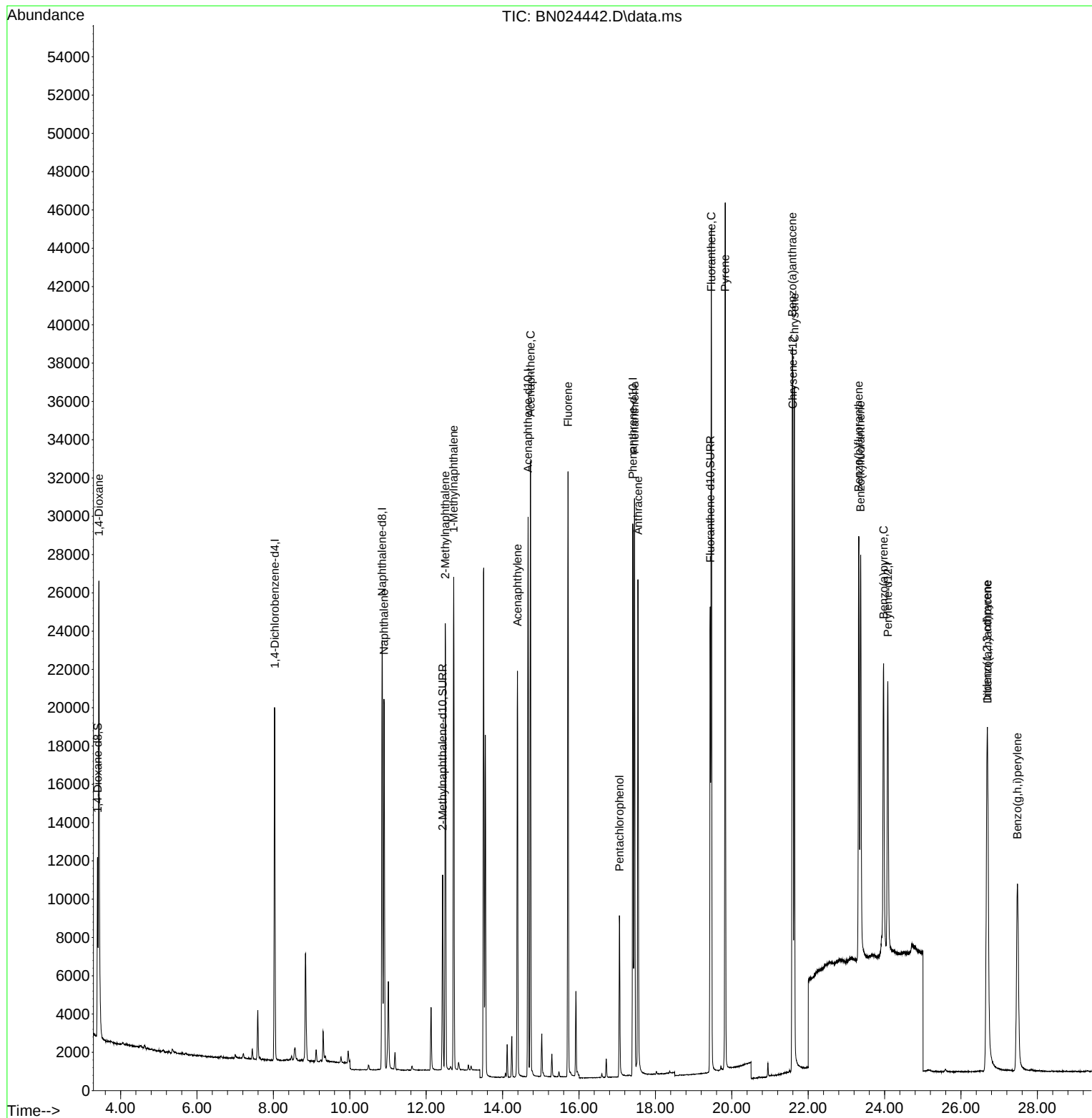
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024442.D
Acq On : 21 Mar 2023 10:51
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ALS Vial : 42 Sample Multiplier: 1

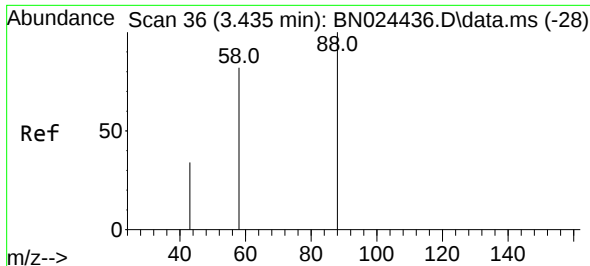
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SLCS523

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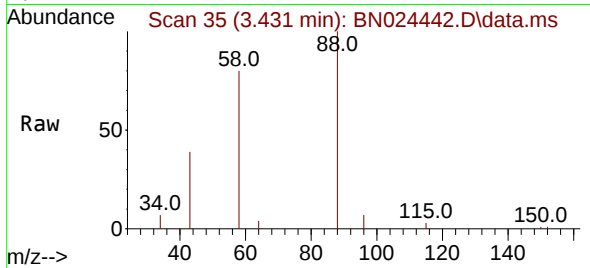
Quant Time: Mar 21 17:37:55 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 02:42:36 2023
Response via : Initial Calibration





#2
 1,4-Dioxane
 Concen: 1.498 ng/ul
 RT: 3.431 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN024442.D
 Acq: 21 Mar 2023 10:51

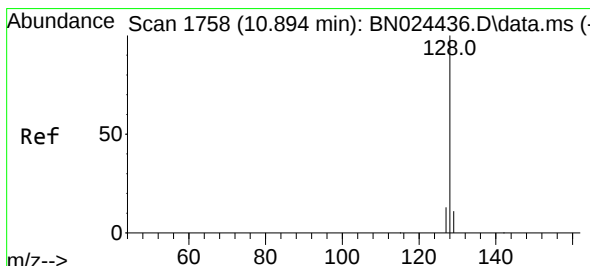
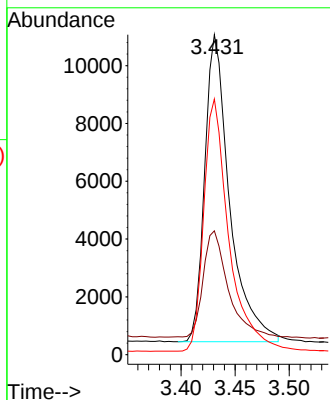
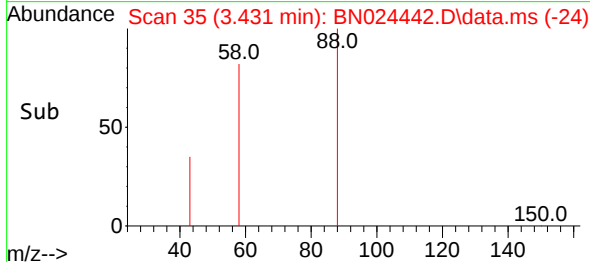
Instrument :
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Tgt Ion: 88 Resp: 1701
 Ion Ratio Lower Upper
 88 100
 43 38.7 32.1 48.1
 58 79.9 55.1 82.7

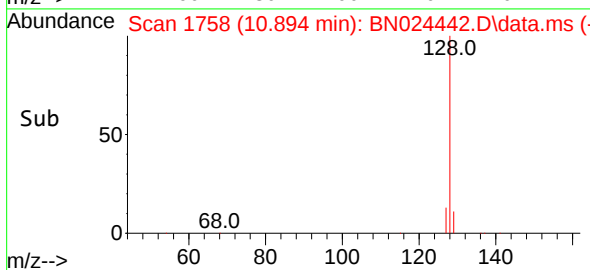
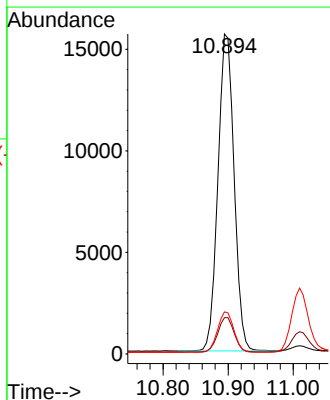
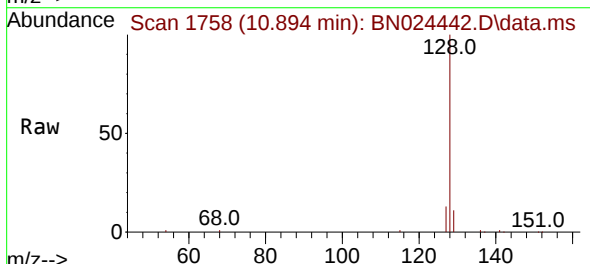
Manual Integrations
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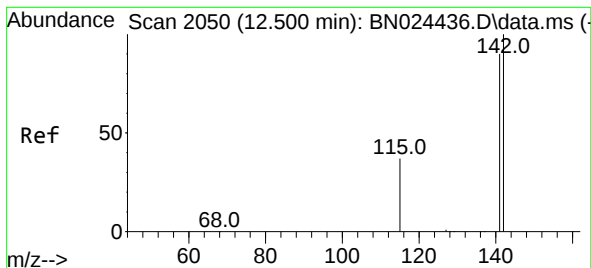
Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :Jagrut Upadhyay 03/22/2023



#5
 Naphthalene
 Concen: 0.369 ng/ul
 RT: 10.894 min Scan# 1758
 Delta R.T. -0.006 min
 Lab File: BN024442.D
 Acq: 21 Mar 2023 10:51

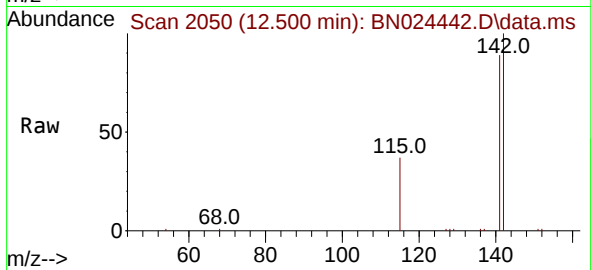
Tgt Ion:128 Resp: 26974
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.2 10.5 15.7





#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

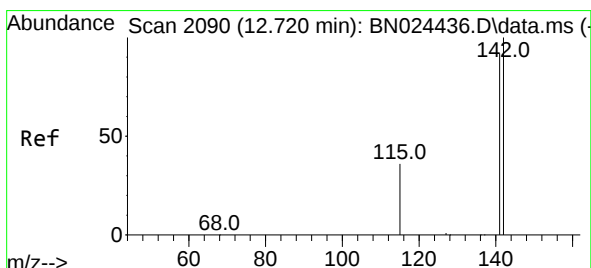
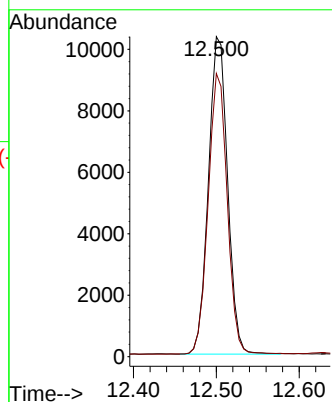
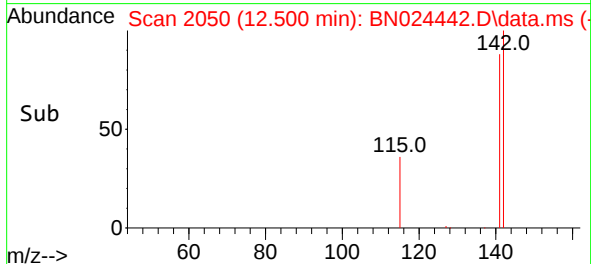
Instrument :
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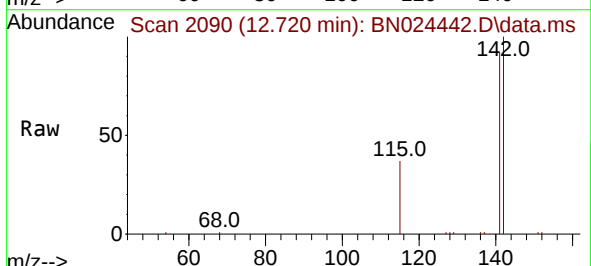
Tgt Ion:142 Resp: 1663
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5

Manual Integrations
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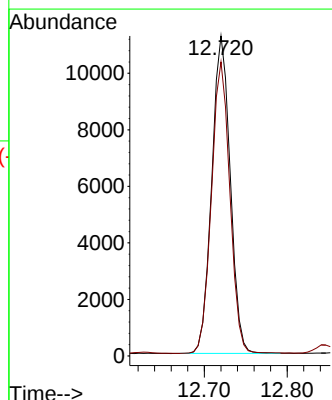
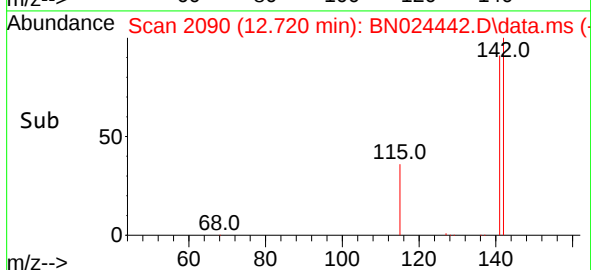
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

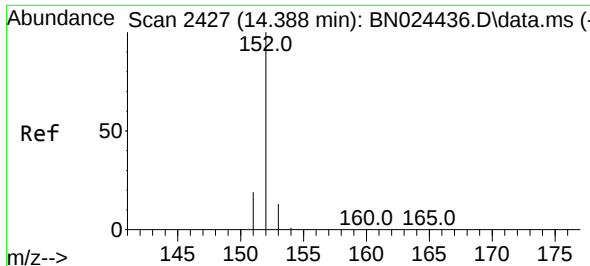


#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51



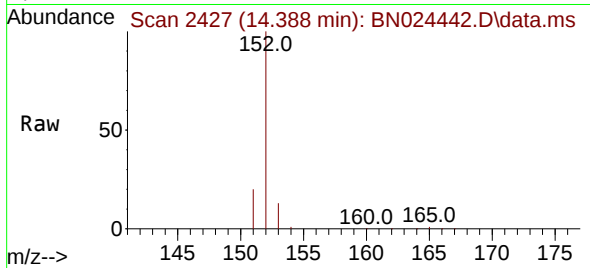
Tgt Ion:142 Resp: 17397
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.6





#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.388 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

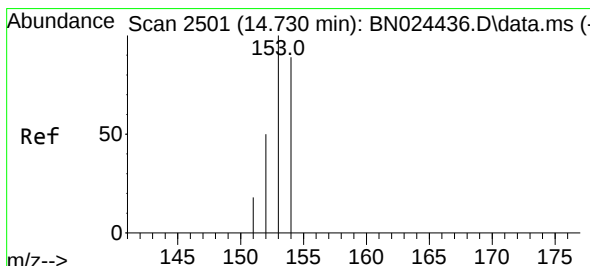
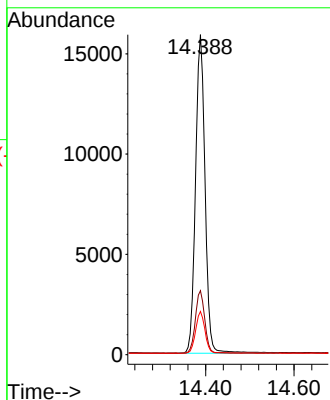
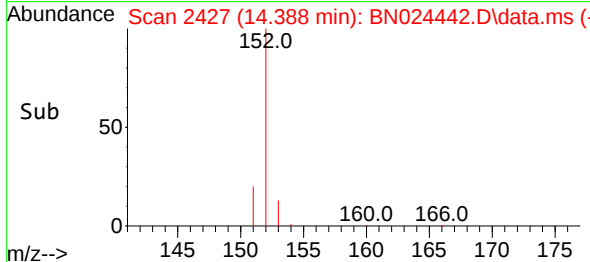
Instrument :
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ClientSampleId :
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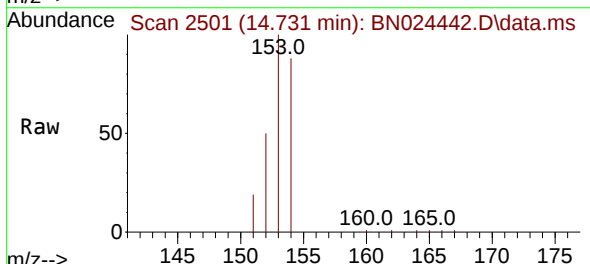
Tgt Ion:152 Resp: 2375
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.5 10.6 16.0

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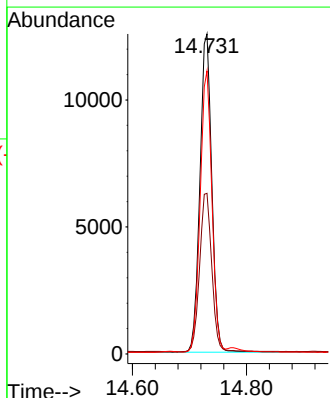
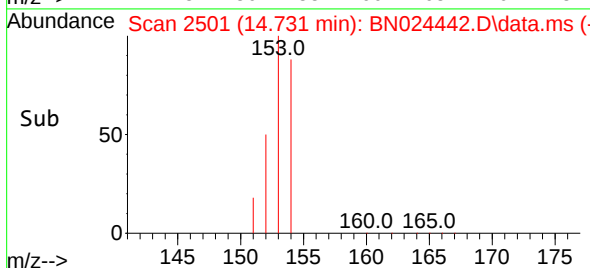
Reviewed By :Christian Giraldo 03/22/2023
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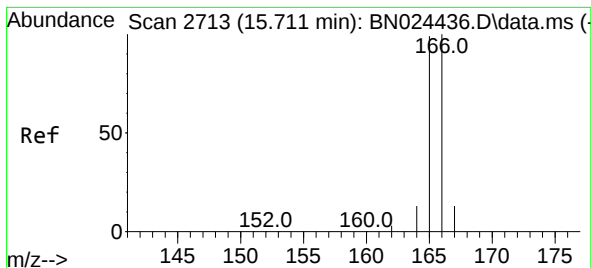


#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.731 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51



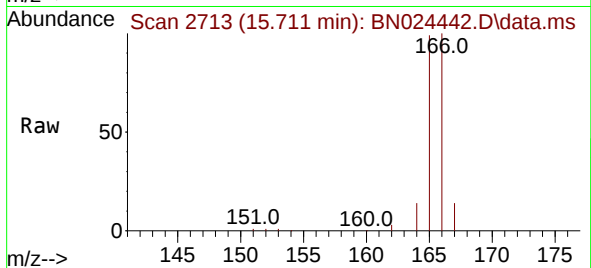
Tgt Ion:153 Resp: 18062
Ion Ratio Lower Upper
153 100
152 50.2 42.6 64.0
154 88.5 70.6 105.8





#12
Fluorene
Concen: 0.345 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

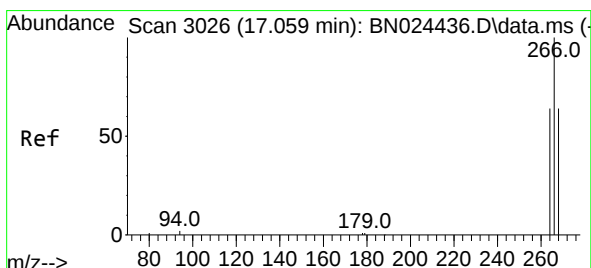
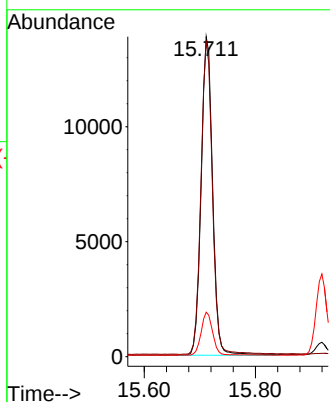
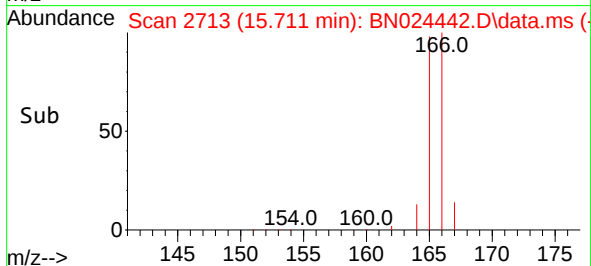
Instrument :
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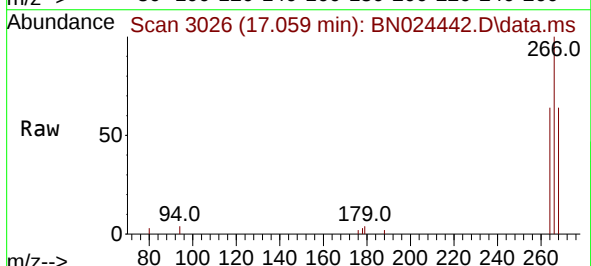
Tgt Ion:166 Resp: 19850
Ion Ratio Lower Upper
166 100
165 98.7 77.4 116.0
167 13.9 10.9 16.3

Manual Integrations
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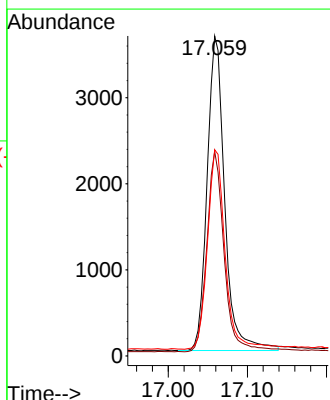
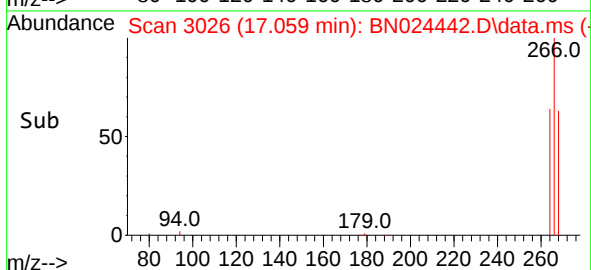
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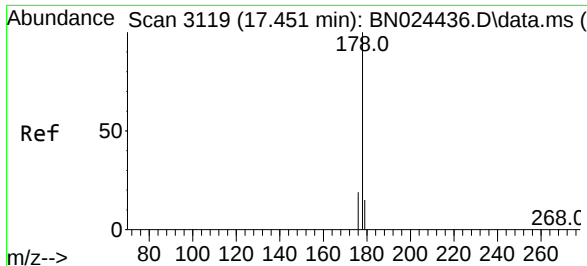


#14
Pentachlorophenol
Concen: 0.616 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. -0.004 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51



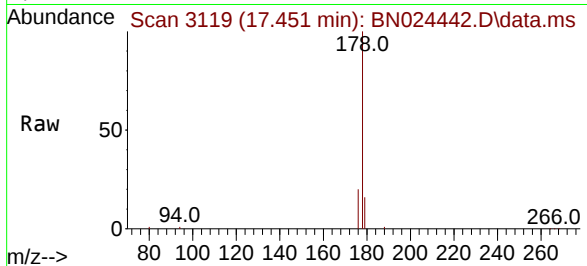
Tgt Ion:266 Resp: 5626
Ion Ratio Lower Upper
266 100
264 63.1 0.0 0.0#
268 64.3 0.1 0.1#





#15
Phenanthrene
Concen: 0.345 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

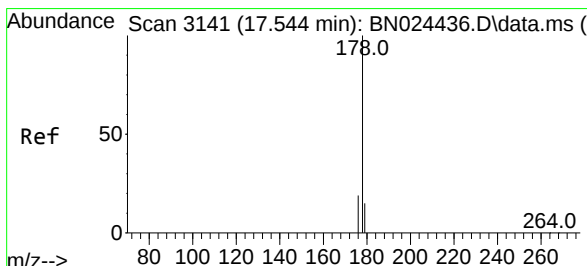
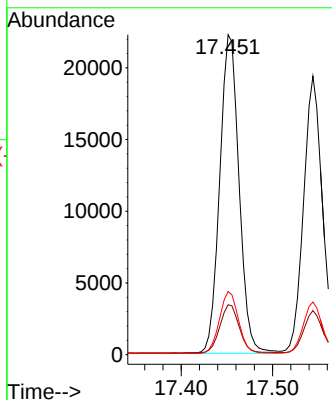
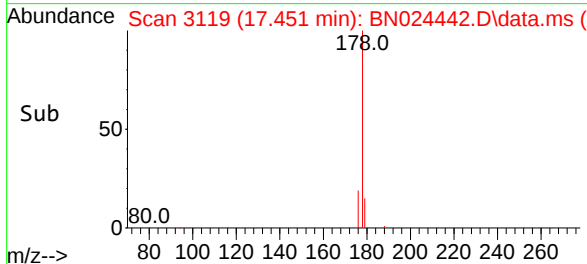
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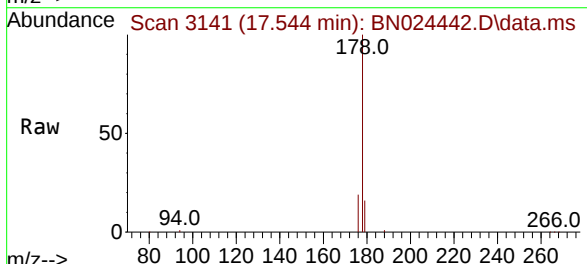
Tgt Ion:178 Resp: 3252
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.7 15.7 23.5

Manual Integrations
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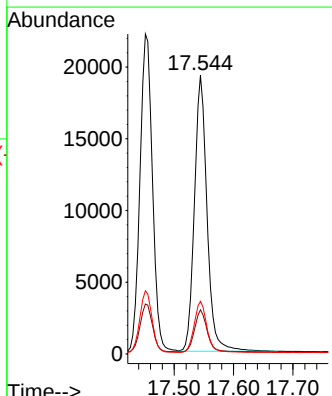
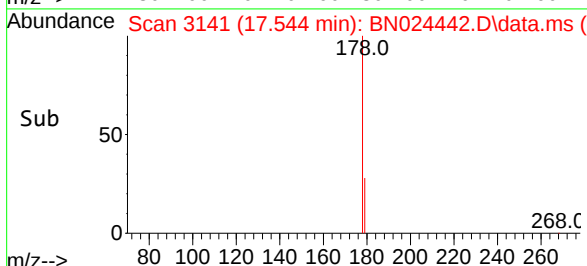
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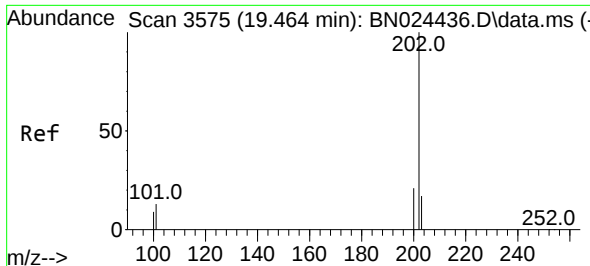


#16
Anthracene
Concen: 0.343 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51



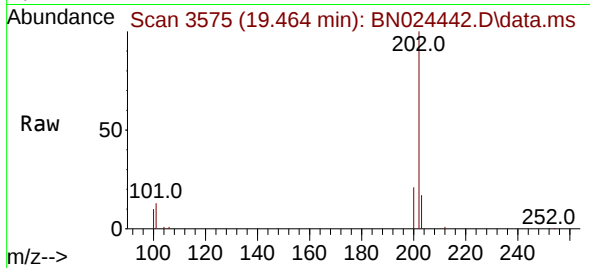
Tgt Ion:178 Resp: 28402
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 18.9 15.3 22.9





#19
Fluoranthene
Concen: 0.352 ng/u1
RT: 19.464 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

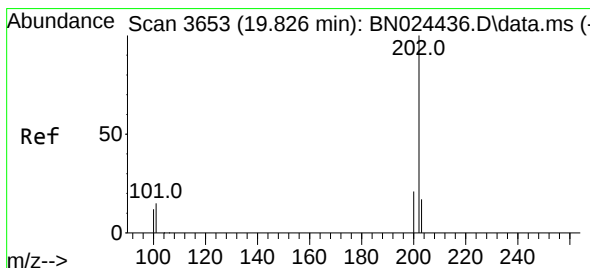
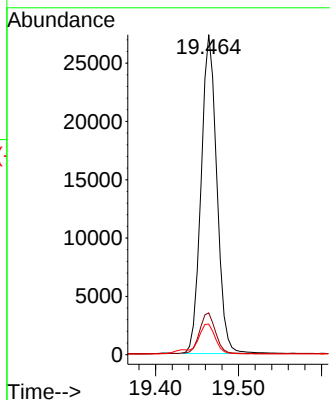
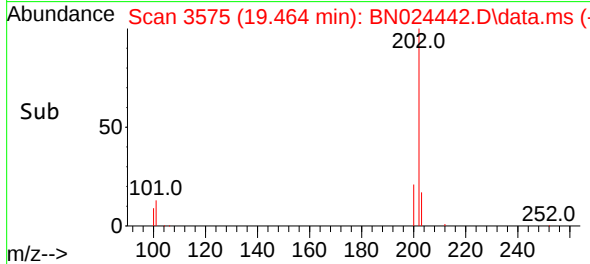
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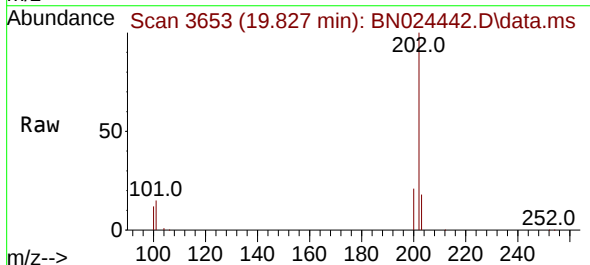
Tgt Ion:202 Resp: 3611
Ion Ratio Lower Upper
202 100
101 13.1 10.4 15.6
100 9.6 7.7 11.5

Manual Integrations
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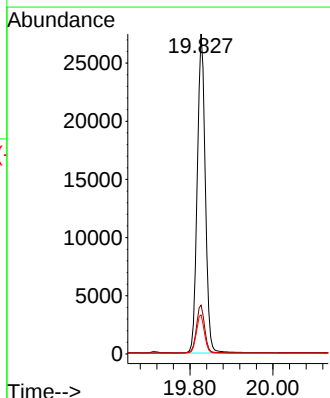
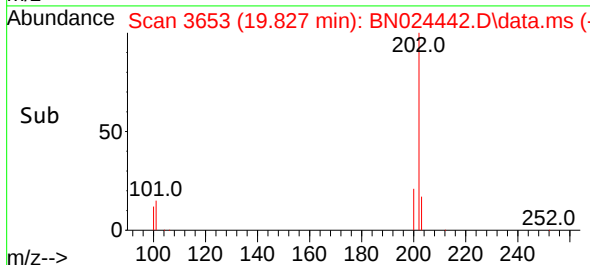
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

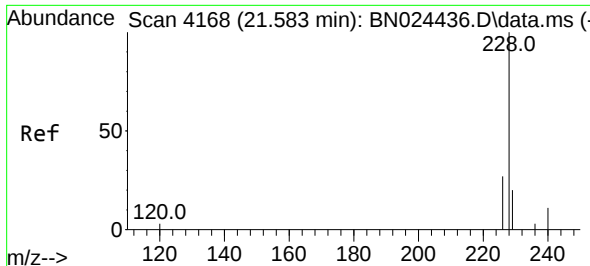


#20
Pyrene
Concen: 0.356 ng/u1
RT: 19.827 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51



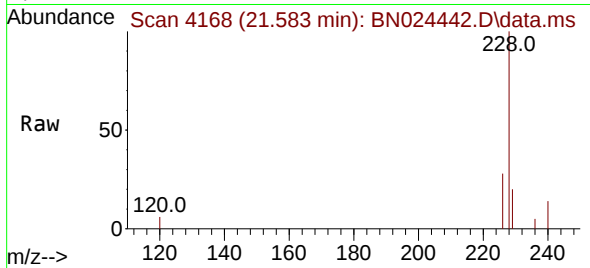
Tgt Ion:202 Resp: 37125
Ion Ratio Lower Upper
202 100
101 15.3 12.1 18.1
100 12.2 9.4 14.0





#21
Benzo(a)anthracene
Concen: 0.358 ng/u1
RT: 21.583 min Scan# 4168
Delta R.T. -0.000 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

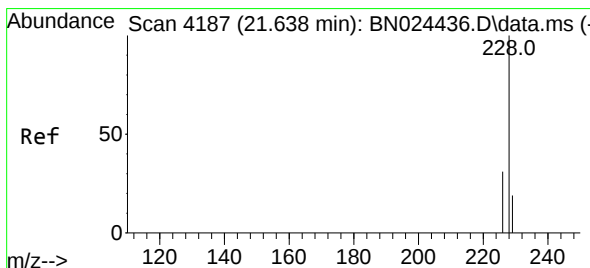
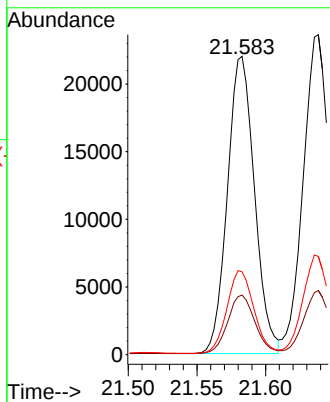
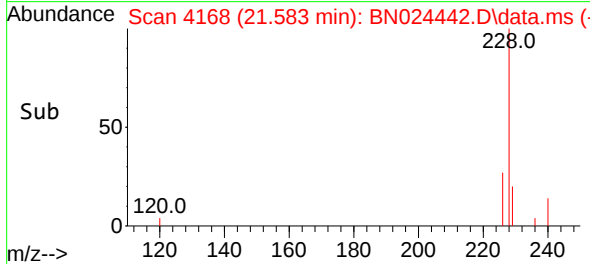
Instrument :
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Tgt Ion:228 Resp: 3015
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 27.8 22.2 33.4

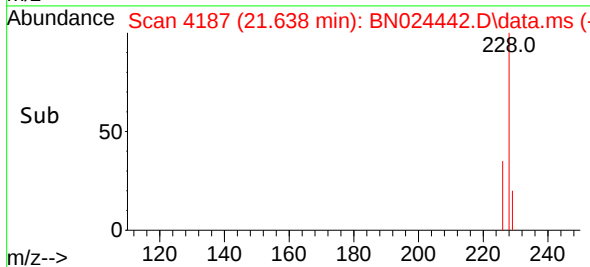
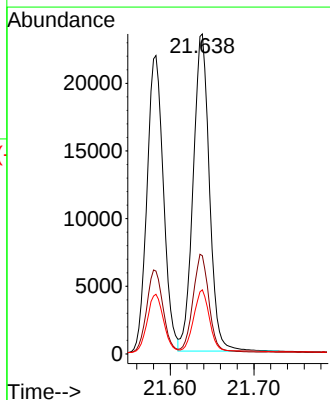
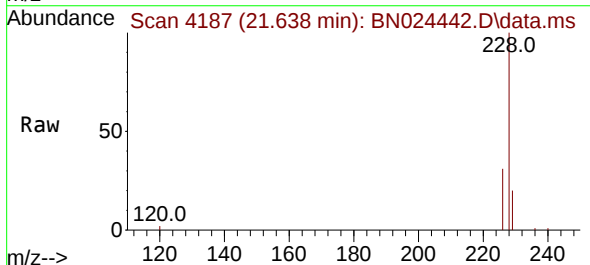
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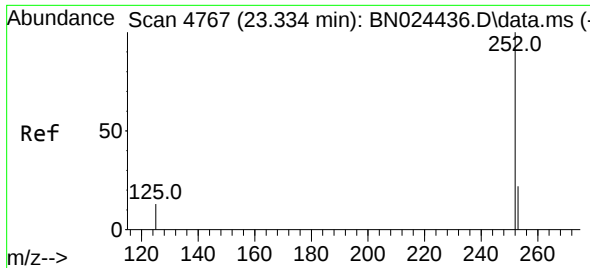
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#22
Chrysene
Concen: 0.355 ng/u1
RT: 21.638 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

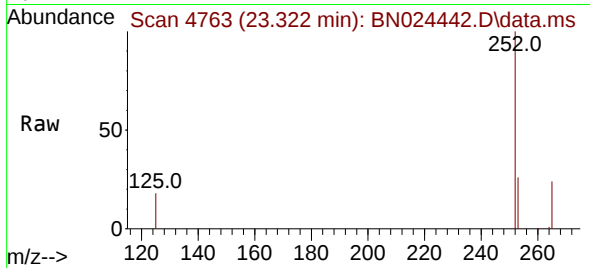
Tgt Ion:228 Resp: 31608
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 20.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 23.322 min Scan# 4763
Delta R.T. -0.018 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

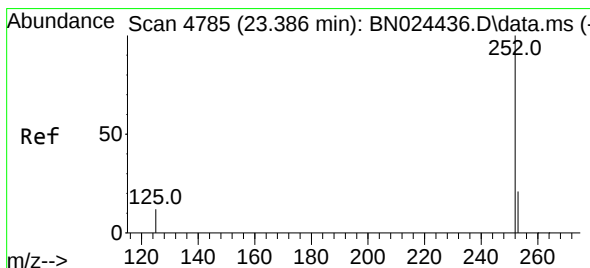
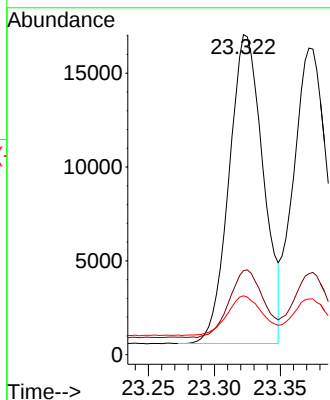
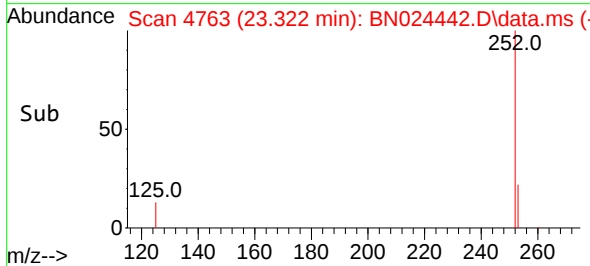
Instrument :
BNA_N
ClientSampleId :
SLCS523



Tgt Ion:252 Resp: 29684
Ion Ratio Lower Upper
252 100
253 26.2 0.0 46.2
125 18.4 0.0 34.0

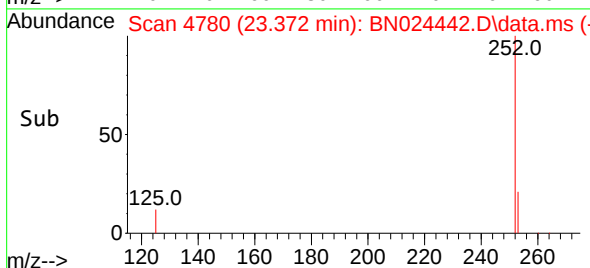
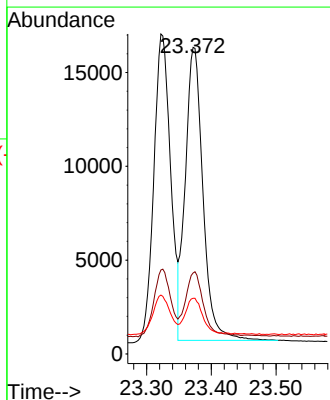
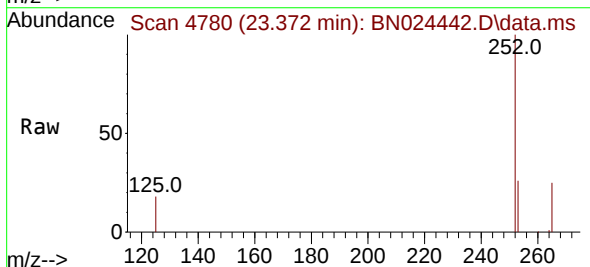
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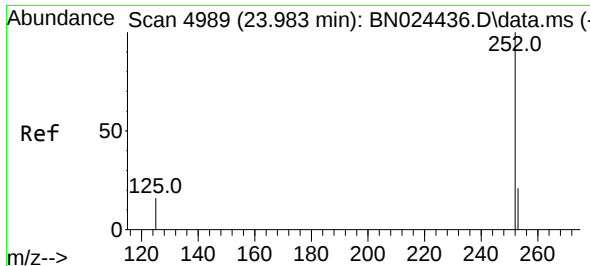
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#25
Benzo(k)fluoranthene
Concen: 0.352 ng/ul
RT: 23.372 min Scan# 4780
Delta R.T. -0.020 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

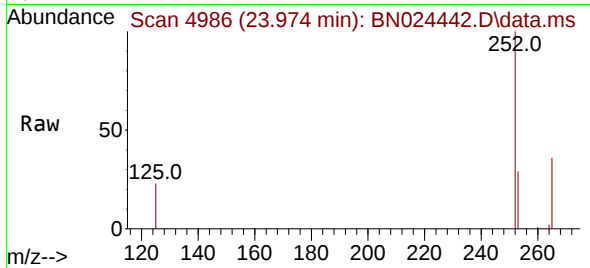
Tgt Ion:252 Resp: 29598
Ion Ratio Lower Upper
252 100
253 26.4 18.5 27.7
125 18.2 13.2 19.8





#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 23.974 min Scan# 4986
Delta R.T. -0.015 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

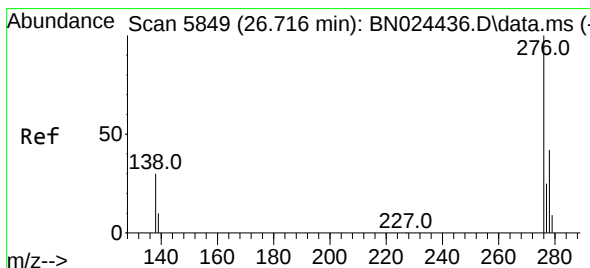
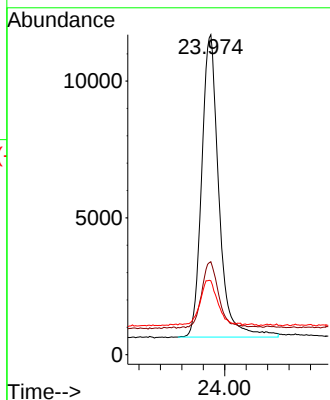
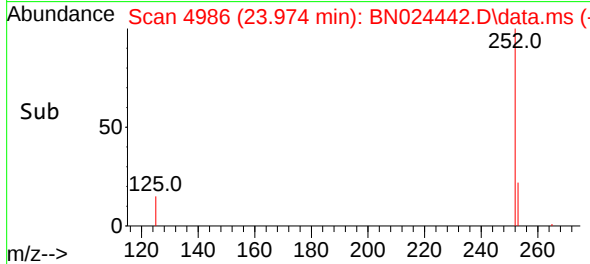
Instrument :
BNA_N
ClientSampleId :
SLCS523



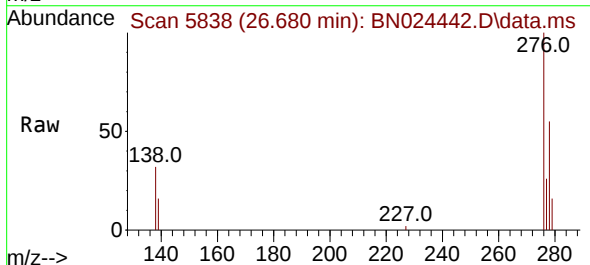
Tgt Ion:252 Resp: 24650
Ion Ratio Lower Upper
252 100
253 29.0 19.2 28.8
125 23.1 15.8 23.6

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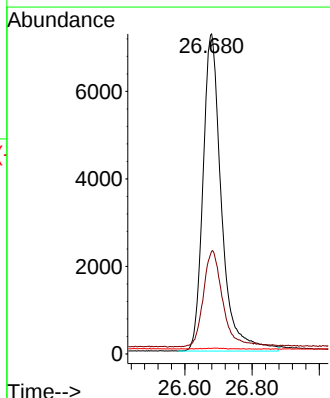
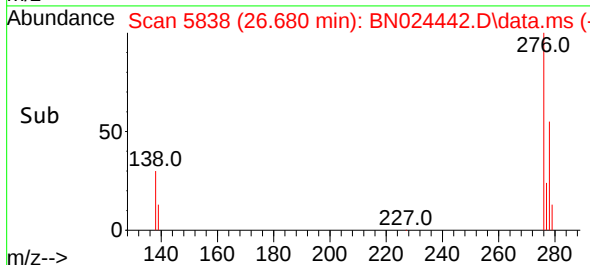
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

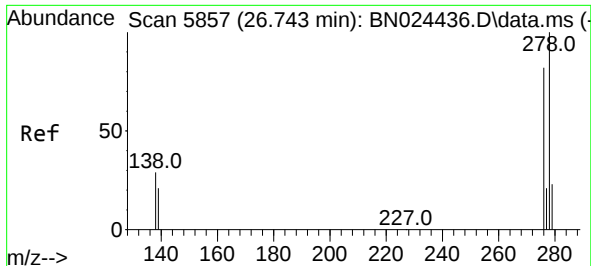


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.680 min Scan# 5838
Delta R.T. -0.044 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51



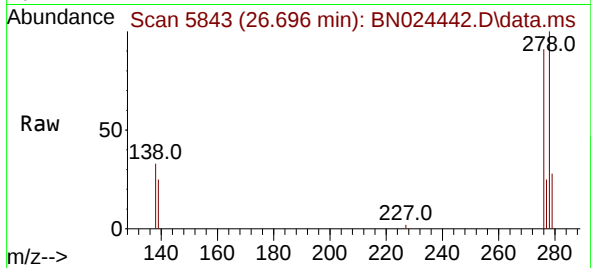
Tgt Ion:276 Resp: 27593
Ion Ratio Lower Upper
276 100
138 32.2 0.0 0.0#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.696 min Scan# 5843
Delta R.T. -0.050 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

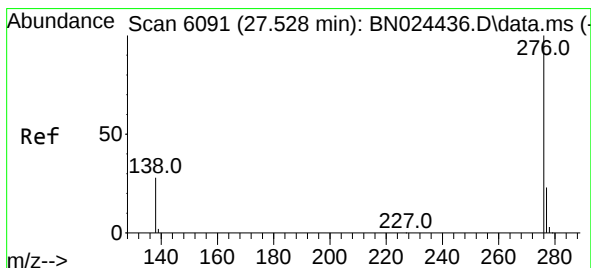
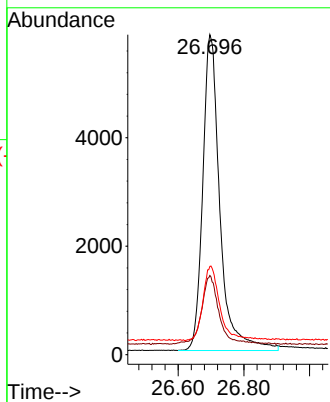
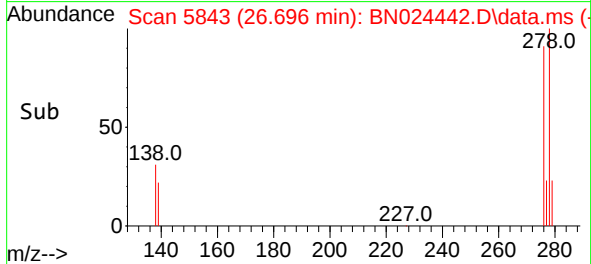
Instrument :
BNA_N
ClientSampleId :
SLCS523



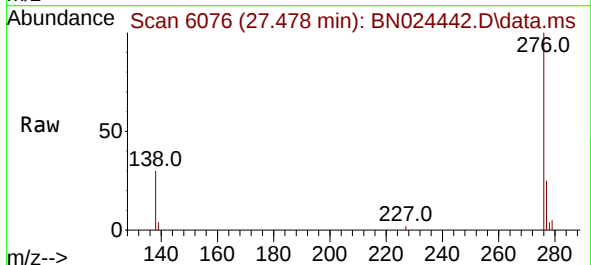
Tgt Ion:278 Resp: 2111
Ion Ratio Lower Upper
278 100
139 24.7 21.0 31.6
279 27.6 20.4 30.6

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Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 27.478 min Scan# 6076
Delta R.T. -0.057 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51



Tgt Ion:276 Resp: 24208
Ion Ratio Lower Upper
276 100
138 30.0 25.2 37.8
277 24.9 19.4 29.2

